

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 251907US2S DIV

First Inventor or Application Identifier Syotaro ONO

Title VERTICAL TYPE POWER MOSFET HAVING TRENCHED GATE STRUCTURE

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Commissioner for Patents  
Mail Stop Patent Application  
Alexandria, Virginia 22313

☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☒ Specification Total Sheets 47

3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets 13

4. ☒ Oath or Declaration Total Pages 2

a. ☐ Newly executed (original or copy)

b. ☒ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 17 completed)

i. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in  
the prior application, see 37 C.F.R. §1.63(d)(2) and  
1.33(b).

5. ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)

6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification or Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ Paper

c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

7. ☒ Assignment Papers was recorded in Reel No. 013567,  
Frame No. 0012

8. ☒ Application Data Sheet. See 37 CFR 1.76

9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney

10. ☐ English Translation Document (if applicable)

11. ☒ Information Disclosure  
Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations

12. ☒ Preliminary Amendment

13. ☒ White Advance Serial No. Postcard

14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

15. ☐ Applicant claims small entity status.  
See 37 CFR 1.27

16. ☒ Other: REQUEST FOR PRIORITY

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☒ Divisional

☐ Continuation-in-part (CIP)

of prior application no.: 10/184,974

Prior application information: Examiner: Forde, R.R.

Group Art Unit: 2826

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

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4/19/69

Name: Raymond F. Cardillo, Jr.

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Docket No. 251907US2S DIV

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S) Syotaro ONO, et al.

SERIAL NO: New Divisional Application

FILING DATE: Herewith

FOR VERTICAL TYPE POWER MOSFET HAVING TRENCHED GATE STRUCTURE

**FEE TRANSMITTAL**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	3 - 20 =	0	x \$18 =	\$0.00
INDEPENDENT CLAIMS	1 - 3 =	0	x \$86 =	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$290 =	\$0.00
<input type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$0.00
			BASIC FEE	\$770.00
			TOTAL OF ABOVE CALCULATIONS	\$770.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$770.00

☐ Please charge Deposit Account No. 15-0030 in the amount of **\$0.00** A duplicate copy of this sheet is enclosed.

☐ A check in the amount of **\$0.00** to cover the filing fee is enclosed.

☒ Credit card payment form is attached to cover the filing fee in the amount of **\$770.00**

☒ The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

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MAIER & NEUSTADT, P.C.

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Attorney of Record

Date: 4/19/04

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